

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:       BERNHARD RALL  
Serial No.:       Not yet assigned  
Filed:            JULY 31, 2003  
Title:            CIRCUIT FOR ADAPTING CHARACTERISTIC WAVE  
                    IMPEDANCE

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97 and 1.98**

**Mail Stop NEW APP**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**July 31, 2003**

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

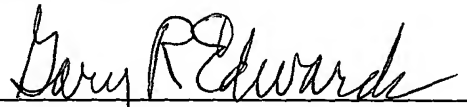
**STATEMENT OF RELEVANCE**

The relevance of these references to the subject matter of the present invention is given in the Background and Summary of the Invention in the specification of the present invention.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

A handwritten signature in black ink, reading "Gary R. Edwards", written over a horizontal line.

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| FORM PTO-1449    U.S. Department of Commerce<br>Patent & Trademark Office<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><i>(Use several sheets if necessary)</i> | Attorney Docket No.<br>095309.52604US | Serial No.<br>Not Yet Assigned |
|  | Applicant:      Bernhard RALL         |                                |
|  | Filed: July 31, 2003                  | Group                          |

| U.S. PATENT DOCUMENTS |    |                 |      |      |       |           |                              |
|-----------------------|----|-----------------|------|------|-------|-----------|------------------------------|
| Examiner Initial      |    | Document Number | Date | Name | Class | Sub-Class | Filing Date (if appropriate) |
|                       | AA |                 |      |      |       |           |                              |
|                       | AB |                 |      |      |       |           |                              |
|                       | AC |                 |      |      |       |           |                              |
|                       | AD |                 |      |      |       |           |                              |
|                       | AE |                 |      |      |       |           |                              |
|                       | AF |                 |      |      |       |           |                              |
|                       | AG |                 |      |      |       |           |                              |
|                       | AH |                 |      |      |       |           |                              |
|                       | AI |                 |      |      |       |           |                              |
|                       | AJ |                 |      |      |       |           |                              |

| FOREIGN PATENT DOCUMENTS |    |                 |            |         |       |           |             |    |
|--------------------------|----|-----------------|------------|---------|-------|-----------|-------------|----|
| Examiner Initial         |    | Document Number | Date       | Name    | Class | Sub-Class | TRANSLATION |    |
|                          |    |                 |            |         |       |           | Yes         | No |
|                          | AK | 196 36 816 C2   | 11.09.1996 | Germany |       |           |             |    |
|                          | AL |                 |            |         |       |           |             |    |
|                          | AM |                 |            |         |       |           |             |    |
|                          | AN |                 |            |         |       |           |             |    |
|                          | AO |                 |            |         |       |           |             |    |
|                          | AP |                 |            |         |       |           |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |    |   |
|--|----|---|
|  | AQ | <i>Drosseln sichern EMV auf Kfz-Bussystemen</i> , Kurt Marth, Components 31 (1993) Heft 5, pgs. 172-174 |
|  | AR |   |
|  | AS |   |

|   |                        |
|---|------------------------|
| <b>EXAMINER</b>   | <b>DATE CONSIDERED</b> |
| EXAMINER:    Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication. |                        |